BRUHAT BANGALORE MAHANAGARA PALIKE

EXCECUTIVE ENGINEER PROJECT DIVISION, DASARAHALLI ZONE

NAME OF WORK :- Modified Estimate for Improvement to Ashwathakatte Near Govt School Mallasandra Ward No.13 Shettihalli Sub Division

Est Cost: Rs.15.00 Lakhs

Sl. No	Description of work	Mesurement Nos	L	B	D	Qty	Unit	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17								
	For Ashwathkatte								
	Northside	1	6.52	1.50	1.20	11.74			
	Sideside	1	6.83	1.50	1.20	12.29			
	Eastside	1	8.50	1.50	1.20	15.30			
	Westside	1	8.50	1.50	1.20	15.30			
	Modified quantity					**54.63**			
	Schedule - B quantity					**51.60**			
	Quantity up to 125%					**54.63**	**Cum**	**405.64**	**22160.11**
2	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @220kgs with 20 mm and down size graded granite metal course aggregate @0.84cum and fine aggregates @0.56 cum machine mixed,laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials,labour,HOM OF machinary, curing complete as per specification (Pg No-12)								
	Northside	1	6.52	1.50	0.15	1.47			
	Sideside	1	6.83	1.50	0.15	1.54			
	Eastside	1	8.50	1.50	0.15	1.91			
	Westside	1	8.50	1.50	0.15	1.91			
	Below steps Northside	1	2.90	1.20	0.15	**0.52**			
	Eastside	1	3.50	0.90	0.15	**0.47**			
	Floor	**1**	5.50	4.10	0.15	**3.38**			
		1	6.90	4.18	0.15	**4.33**			
						15.53			
	Deduction	**1.00**	2.30	2.35	0.15	**0.81**			
	Modified quantity					**14.91**	**Cum**		
	Schedule - B quantity					**7.75**			
	Quantity up to 125%					**14.91**		**5449.68**	**81254.73**
3	KSRRB Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs with 20mm and down size gaded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 Cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted for coping, including cost of all materials, Jabour, HOM of machinery curing complete as per specifications Specification No. KBS 4.1, 4.2. (Page no-254, Item no-34.11)								
	Northside	1	6.52	1.30	0.40	3.39			
	Sideside	1	6.83	1.30	0.40	3.55			
	Eastside	1	8.50	1.30	0.40	4.42			
	Westside	1	8.50	1.30	0.40	4.42			
	For Sidewall								

Scanned with CamScanner

	Northside	1	6.52	0.30	1.00	1.96			
	Sideside	1	6.83	0.30	1.00	2.05			
	Eastside	1	8.50	0.30	1.00	2.55			
	Westside	1	8.50	0.30	1.00	2.55			
	Pit	1	1.10	0.30	1.00	0.33			
	Modified quantity					25.22	Cum		
	Schedule - B quantity					24.72			
	Quantity up to 125%					25.22		6718.68	169424.95
4	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5 m. including cost of all labour complete as per specifications Specification No. KBS 2.9								
	Qty As Per Item No.1					54.63			
	Modified quantity					54.63			
	Schedule - B quantity					25.80			
	Quantity up to 125%					32.25		137.16	4423.41
	Quantity above 125%					22.38	Cum	137.16	3069.64
5	KSRRB : Providing and constructing granite / trap / basalt size stone masonry in Foundation with cement mortar 1 :6, and hammered dressed in courses not less than 20cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications (Page No-23, Item No-5.6)								
	From Steps								
	Northside	1	2.90	1.20	0.40	1.39			
		1	2.90	0.80	0.20	0.46			
		1	2.90	0.40	0.20	0.23			
						0.00			
	Eastside								
		1	2.67	0.40	0.20	0.21			
		1	3.07	0.80	0.40	0.98			
	Modified quantity					3.28			
	Schedule - B quantity					1.1			
	Quantity up to 125%					1.38		4359.96	5994.95
	Quantity above 125%					1.91	Cum	4359.96	8323.16
	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons Specification No. KBS 4.6.2								
	For RCC wall								
	Northside	2	6.52	1.00		13.04			
	Sideside	2	6.58	1.00		13.16			
	Eastside	2	8.50	1.00		17.00			
	Westside	2	8.50	1.00		17.00			
	Pit	2	1.10	1.00		2.20			
	For foot								
	Northside	2	6.52	0.40		5.22			
	Sideside	2	6.58	0.40		5.26			
	Eastside	2	8.50	0.40		6.80			
	Westside	2	8.50	0.40		6.80			
	Pit	2	1.10	0.40		0.88			

Scanned with CamScanner

	Modified quantity						87.36			
	Schedule - B quantity						116.10			
	Quantity up to 125%						87.36		249.48	21794.57
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500									
							2.56	Tons		
	Modified quantity						2.56			
	Schedule - B quantity						2.56			
	Quantity up to 125%						2.56		65455.55	167566.21
8	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density.MORTH Specification No. 305									
		1	6.00	5.50	0.30		9.90	Cum		
	Modified quantity						9.90			
	Schedule - B quantity						30.60			
	Quantity up to 125%						9.90		326.16	3228.98
9	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specificationsusing silver grey granite / Multy Red / Ruby Red I Black / Hassan Green Granite of width not less than 1									
	For Floor									
		1	5.80	0.45			2.61			
		1	2.40	0.45			1.08			
		1	0.45	0.40			0.18			
		1	2.48	0.40			0.99			
	Steps Tread	1.00	2.90	0.40			1.16			
		1.00	2.45	0.40			0.98			
		1.00	2.67	0.40			1.07			
		1.00	3.07	0.40			1.23			
	Rises	1.00	2.67	0.15			0.40			
		1.00	3.50	0.15			0.53			
		1.00	2.60	0.15			0.39			
		1.00	2.90	0.15			0.44			
		1.00	2.45	0.15			0.37			
		1.00	2.05	0.15			0.31			
	Floor	1.00	5.80	4.10			23.78			
		1.00	6.90	4.18			28.84			
	North Side	1	3.62	0.5			1.81			
	West Side	1	8.50	0.53			4.51			

Scanned with CamScanner

		1	6.65	0.55		3.66			
	Backside of OT	1	1.00	0.55		0.55			
	Beside of OT	1	1.00	0.43		0.43			
		1	7.00	0.20		1.40			
	South side	1	6.83	1.00		6.83			
	Eastside	1	4.20	1.00		4.20			
		1	2.48	1.00		2.48			
	Pit	2	1.10	0.75		1.65			
		1	2.10	0.60		1.26			
		1	2.10	0.70		1.47			
	Name Board	1	0.60	1.20		0.72			
						95.31			
	Deduct								
	Ashwathkatte	1.00	2.30	2.35		**5.41**			
	Modified quantity					**89.90**	**Sqm**		
	Schedule - B quantity					**23.29**			
	Quantity up to 125%					**29.11**		**2828.52**	**82345.29**
	Quantity above 125%					60.79		**2828.52**	**171947.15**
10	Providing and fixing MS Grill over exesting compound wall as per use in 16mmX16mm MS Square rad at 150mm C/C Spaceing and 16mm X40mm MS flates at Horizontal and 16mm X12mm M.S Flat for ornamental design and providing shop edge design at the vertex of every vertical roads including welding. Grainding whwrever necessary . All the steel surface should be throughly cleaned free of rust and painted with anti corrosive paint (Shop paint) etc , Complete. The work includes cost of all material, Lobour charges for all items of work. hire charges for welding cutting and granding equipment and electricity charges, etc., complete as per specification								
	Southside	1	6.32	1.05		6.64			
	Eastside	1	6.32	1.05		6.64			
		1	1.12	1.05		1.18			
	Sliding Down NorthSide	1	1.95	1.05		2.05			
		1	2.81	1.05		2.95			
	Nothside	1	3.10	1.05		3.26			
	Westside	1	7.88	1.05		8.27			
						30.98	**Sqm**	**5537.44**	**171522.20**
11	Providing full nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials labour for all items of work. HOM of equipment etc., complete as per specification								
		1	2.90			2.90			
		2	0.4			0.80			
		1	2.67			2.67			
		2	0.40			0.80			
		1	3.07			3.07			
	Northside Wall	1	3.62			3.62			
	Westside Wall	1	8.50			8.50			
	Butom	1	6.65			6.65			
		1	1.00			1.00			
		1	7.10			7.10			
	Southside	1	6.83			6.83			

Scanned with CamScanner

	Eastside								
		1	4.20			4.20			
		1	2.48			2.48			
		2	1.10			2.20			
	Modified quantity					52.82	Mtr		
	Schedule - B quantity					32.90			
	Quantity up to 125%					41.13		257.04	10570.77
	Quantity above 125%					11.70		257.04	3006.08
12	Supplying, Erecting and Fixing of Stone Mantapa using Sadarahallli Granite stones of size of 0.40x0.40x2.3 measurment for four numbers pillers and four numbers of beams of size 0.20x0.30x2.75 mtr and with granite slab roof of 4.30mtrx3.00mtrx0.15thick including cost of all loading and unloading and the lead for bringing the stone to the workspot including cost of all carving work dressing polishing and pinishing and insatalling at woork site etc.. complete								
		1				1	Nos		460207.00
							Total		1386839.21

Certified that The work spot has been inspected by me and the work is necessary & site condition
Certified that the work is not split
Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2016-17
Certified that Adeqate &
Certified that the above area

Asst Engineer
Project

Asst.Executive Engineer
Project Sub Division

Executive Engineer
Project Division, Dasarahalli

ನಂ: EE/PD/TS/0'bas-19 ದಿನಾಂಕ: 06/04/2018
ರೂ: Rs. 15.00 lakhs
.....
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ಮತ್ತು ಮಾಗಡಿ

Scanned with CamScanner